

ABSTRACT

An implantable hearing aid transducer including a transducer housing, a driver, and an actuator movably connected to the transducer housing. The transducer driver includes at least one coil and one magnet. In one aspect of the present transducer, a seal is provided to seal transducer components that are located at a location other than at the movable connection between the actuator and the transducer housing. According to this aspect, the seal may be disposed around one of a magnet and a coil that is connectable to the actuator, to protect the same from body fluids. The other one of the magnet and the coil may include its own seal within the transducer housing.